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Today's Date: 3/28/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	30	<u>L4</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint)	152	<u>L3</u>
USPT	wang-yi\$ and c5	6	<u>L2</u>
USPT	wang-yi\$	125	<u>L1</u>

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Search Results -

Term	Documents
C5.USPT.	19603
C5S.USPT.	6
INFLAMM\$	0
INFLAMM.USPT.	165
INFLAMMA.USPT.	44
INFLAMMAATORY.USPT.	2
INFLAMMABILITIES.USPT.	1
INFLAMMABILITY.USPT.	1116
INFLAMMABILITY-REDUCING.USPT.	1
"INFLAMMABILITY.SUP".USPT.	2
.....	
ANTIBOD\$(ANTIBODY/ANTIGEN-SENSITIZED).USPT.	pickup term
(C5 SAME (INFLAMM\$ OR AUTOIMMUN\$ OR ARTHRITIS OR JOINT) SAME (ANTIBOD\$)).USPT.	30

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Database:

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US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
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Refine Search:

c5 same (inflamm\$ or autoimmun\$ or
arthritis or joint) same (antibod\$)

[Clear](#)**Search History**

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L4: Entry 17 of 30

File: USPT

Oct 21, 1997

DOCUMENT-IDENTIFIER: US 5679345 A

TITLE: Method for preventing complement-dependent rejection of organ or tissue transplants

DEPR:

"Complement" is an inclusive term designating a complex group of proteins and glycoproteins found in the blood of vertebrates. These proteins function in the production of inflammation, opsonize foreign materials for phagocytosis, and mediate direct cytotoxicity against various cells. Complement action against cells proceeds by activation of a protease called C3 convertase via one of two pathways: the classic pathway, where binding to an antigen-antibody complex involving IgG or IgM activates C1 which cleaves C2 and C4 to produce a protease that activates C3 by cleaving it to produce C3b; or the alternative pathway, where C3b is produced by a C3 converting protease formed from other complement factors, including Factors B, D, and P, activated by other activators, such as bacterial endotoxin, certain polysaccharides or complexes of antigen with other antibodies. C3b, in complex with activated C2 and C4 or with activated Factor B and P, cleaves C5 to produce C5b which combines sequentially with C6, C7, C8, and C9 to form the "membrane attack complex" (MAC) that is capable of damaging biological membranes.

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Search Results -

Term	Documents
C5.USPT.	19603
C5S.USPT.	6
ANTIBOD\$	0
ANTIBOD.USPT.	221
ANTIBODAY.USPT.	1
ANTIBODEES.USPT.	1
ANTIBODEIS.USPT.	1
ANTIBODES.USPT.	44
ANTIBODEY.USPT.	1
ANTIBODFIES.USPT.	1
.....	
BLOCK\$(BLOCK-ABOVE).USPT.	pickup term
(C5 SAME (ANTIBOD\$) AND (INHIBIT\$ OR SUPPRESS\$ OR BLOCK\$ OR PREVENT\$ OR INHIBIT\$ OR ANTAGONI\$) SAME (INFLAMM\$ OR AUTOIMMUN\$ OR ARTHRITIS OR JOINT) SAME (ANTIBOD\$)).USPT.	158

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Database:

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Refine Search:

c5 same (antibod\$) and (inhibit\$ or
suppress\$ or block\$ or prevent\$ or
inhibit\$ or antagoni\$) same (inflamm\$ or

[Clear](#)**Search History**

Today's Date: 3/28/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	c5 same (antibod\$) and (inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	158	<u>L5</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	30	<u>L4</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint)	152	<u>L3</u>
USPT	wang-yi\$ and c5	6	<u>L2</u>
USPT	wang-yi\$	125	<u>L1</u>

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L4: Entry 18 of 30

File: USPT

Jul 22, 1997

DOCUMENT-IDENTIFIER: US 5650389 A

TITLE: Methods for the inhibition of complement activation

DEPU:

9. Watson, W. C., P. S. Brown, J. A. Pitcock, and A. S. Townes. 1987. Passive transfer studies with type II collagen antibody in B10.D2/old and new line and C57B1/6 normal and beige (Chediak-Higashi) strains: Evidence of important roles for C5 and multiple inflammatory cell types in the development of erosive arthritis. Arthritis Rheum. 30:460-465.

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Search Results -

Term	Documents
INHIBIT\$	0
INHIBIT.USPT.	147712
INHIBITA.USPT.	1
INHIBITABILITIES.USPT.	1
INHIBITABILITY.USPT.	48
INHIBITABLE.USPT.	569
INHIBITABLE-RATES.USPT.	1
INHIBITABLY.USPT.	4
INHIBITACE.USPT.	4
INHIBITAION.USPT.	5
.....	
ANTIBOD\$(ANTIBODY/ANTIGEN-SENSITIZED).CLM.	pickup term
((INHIBIT\$ OR SUPPRESS\$ OR BLOCK\$ OR PREVENT\$ OR INHIBIT\$ OR ANTAGONIS\$) SAME (INFLAMM\$ OR AUTOIMMUN\$ OR ARTHRITIS OR JOINT) SAME (ANTIBOD\$) AND (C5) SAME ANTIBOD\$.CLM.).USPT.	2

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Database:

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IBM Technical Disclosure Bulletins

Refine Search:

(inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or

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Today's Date: 3/28/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	(inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$) and (c5) same antibod\$.clm.	2	<u>L6</u>
USPT	c5 same (antibod\$) and (inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	158	<u>L5</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	30	<u>L4</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint)	152	<u>L3</u>
USPT	wang-yi\$ and c5	6	<u>L2</u>
USPT	wang-yi\$	125	<u>L1</u>

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Search Results -

Term	Documents
INHIBIT\$	0
INHIBIT.USPT.	147712
INHIBITA.USPT.	1
INHIBITABILITIES.USPT.	1
INHIBITABILITY.USPT.	48
INHIBITABLE.USPT.	569
INHIBITABLE-RATES.USPT.	1
INHIBITABLY.USPT.	4
INHIBITACE.USPT.	4
INHIBITAION.USPT.	5
.....	
ANTIBOD\$(ANTIBODY/ANTIGEN-SENSITIZED).CLM.	pickup term
((INHIBIT\$ OR SUPPRESS\$ OR BLOCK\$ OR PREVENT\$ OR INHIBIT\$ OR ANTAGONIS\$) SAME (INFLAMM\$ OR AUTOIMMUN\$ OR ARTHRITIS OR JOINT) SAME (ANTIBOD\$) AND (C5) SAME ANTIBOD\$.CLM.).USPT.	2

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Database:

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- IBM Technical Disclosure Bulletins

Refine Search:

(inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or

[Clear](#)**Search History**

Today's Date: 3/28/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	(inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$) and (c5) same antibod\$.clm.	2	<u>L6</u>
USPT	c5 same (antibod\$) and (inhibit\$ or suppress\$ or block\$ or prevent\$ or inhibit\$ or antagoni\$) same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	158	<u>L5</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint) same (antibod\$)	30	<u>L4</u>
USPT	c5 same (inflamm\$ or autoimmun\$ or arthritis or joint)	152	<u>L3</u>
USPT	wang-yi\$.and c5	6	<u>L2</u>
USPT	wang-yi\$	125	<u>L1</u>

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

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Search Results - Record(s) 11 through 20 of 158 returned.

☐ 11. Document ID: US 6007817 A

L5: Entry 11 of 158

File: USPT

Dec 28, 1999

US-PAT-NO: 6007817

DOCUMENT-IDENTIFIER: US 6007817 A

TITLE: Vasopermeability enhancing immunoconjugates

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Epstein; Alan L.	La Canada	CA	N/A	N/A
Glovsky; Michael	Los Angeles	CA	N/A	N/A

US-CL-CURRENT: 424/178.1; 424/155.1, 424/174.1, 424/180.1, 424/183.1, 435/69.6,
435/70.21, 530/350, 530/380, 530/382, 530/387.1, 530/388.1, 530/388.8,
530/388.85, 530/391.1, 530/391.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 5968512 A

L5: Entry 12 of 158

File: USPT

Oct 19, 1999

US-PAT-NO: 5968512

DOCUMENT-IDENTIFIER: US 5968512 A

TITLE: Antibody recognizing endothelial cell ligand for leukocyte CR3

DATE-ISSUED: October 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tuomanen; Elaine	New York	NY	N/A	N/A
Masure; H. Robert	New York	NY	N/A	N/A

US-CL-CURRENT: 424/150.1; 424/130.1, 424/136.1, 424/141.1, 424/143.1,
424/234.1, 424/240.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 13. Document ID: US 5955441 A

L5: Entry 13 of 158

File: USPT

Sep 21, 1999

US-PAT-NO: 5955441

DOCUMENT-IDENTIFIER: US 5955441 A

TITLE: Genetic inhibition of complement mediated inflammatory response

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sims; Peter J.	Oklahoma City	OK	N/A	N/A
Bothwell; Alfred L.M.	Guilford	CT	N/A	N/A

US-CL-CURRENT: 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 14. Document ID: US 5952316 A

L5: Entry 14 of 158

File: USPT

Sep 14, 1999

US-PAT-NO: 5952316

DOCUMENT-IDENTIFIER: US 5952316 A

TITLE: 2-amino-1,3-propanediol compound and immunosuppressant

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Tetsuro	Muko	N/A	N/A	JPX
Sasaki; Shigeo	Kobe	N/A	N/A	JPX
Yoneta; Masahiko	Kobe	N/A	N/A	JPX
Mishina; Tadashi	Iruma	N/A	N/A	JPX
Adachi; Kunitomo	Iruma	N/A	N/A	JPX
Chiba; Kenji	Iruma	N/A	N/A	JPX

US-CL-CURRENT: 514/114, 514/119, 514/171, 514/252.1, 514/357, 514/372, 514/403, 514/438, 514/459, 514/471, 514/477, 514/9, 546/210, 546/246, 546/247, 546/334, 548/214, 548/516, 549/426, 549/498, 549/75, 560/11, 560/172, 564/123, 564/336, 564/340, 564/342, 564/346, 564/374, 564/383, 564/454

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 15. Document ID: US 5948820 A

L5: Entry 15 of 158

File: USPT

Sep 7, 1999

US-PAT-NO: 5948820

DOCUMENT-IDENTIFIER: US 5948820 A

TITLE: Benzene compound and pharmaceutical use thereof

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Tetsuro	Muko	N/A	N/A	JPX
Adachi; Kunitomo	Chikujo-gun	N/A	N/A	JPX
Kohara; Toshiyuki	Iruma	N/A	N/A	JPX
Kiuchi; Masatoshi	Iruma	N/A	N/A	JPX
Chiba; Kenji	Chikujo-gun	N/A	N/A	JPX
Teshima; Koji	Iruma	N/A	N/A	JPX
Mishina; Tadashi	Chikujo-gun	N/A	N/A	JPX

US-CL-CURRENT: 514/653; 514/487, 514/546, 514/630, 560/163, 560/29, 564/223,
564/355

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5932217 A

L5: Entry 16 of 158

File: USPT

Aug 3, 1999

US-PAT-NO: 5932217

DOCUMENT-IDENTIFIER: US 5932217 A

TITLE: Peptides which inhibit adhesion between leukocytes and endothelial cells

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tuomanen; Elaine	New York	NY	N/A	N/A
Masure; H. Robert	New York	NY	N/A	N/A

US-CL-CURRENT: 424/185.1; 424/190.1, 424/234.1, 424/240.1, 424/253.1, 530/300,
530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 5869641 A

L5: Entry 17 of 158

File: USPT

Feb 9, 1999

US-PAT-NO: 5869641

DOCUMENT-IDENTIFIER: US 5869641 A

TITLE: High affinity nucleic acid ligands of CD4

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jayasena; Sumedha	Boulder	CO	N/A	N/A
Davis; Kenneth A.	Woodside	CA	N/A	N/A
Gold; Larry	Boulder	CO	N/A	N/A

US-CL-CURRENT: 536/24.31; 435/6, 435/91.2, 536/25.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5853722 A

L5: Entry 18 of 158

File: USPT

Dec 29, 1998

US-PAT-NO: 5853722

DOCUMENT-IDENTIFIER: US 5853722 A

TITLE: Use of C5-specific antibodies for reducing immune and hemostatic dysfunctions during extracorporeal circulation

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rollins; Scott	Monroe	CT	N/A	N/A
Smith; Brian R.	Madison	CT	N/A	N/A
Squinto; Stephen P.	Bethany	CT	N/A	N/A

US-CL-CURRENT: 424/145.1; 424/140.1, 530/388.25, 530/389.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5843778 A

L5: Entry 19 of 158

File: USPT

Dec 1, 1998

US-PAT-NO: 5843778
DOCUMENT-IDENTIFIER: US 5843778 A

TITLE: Use of chimeric vaccinia virus complement control proteins to inhibit complement

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosengard; Ariella M.	Gladwyne	PA	N/A	N/A
Ahearn, Jr.; Joseph M.	Baltimore	MD	N/A	N/A
Sanfilippo; Alfred P.	Baltimore	MD	N/A	N/A
Baldwin, III; William M.	Baltimore	MD	N/A	N/A

US-CL-CURRENT: 435/325; 435/320.1, 435/69.7, 536/23.4, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 20. Document ID: US 5837242 A

L5: Entry 20 of 158

File: USPT

Nov 17, 1998

US-PAT-NO: 5837242
DOCUMENT-IDENTIFIER: US 5837242 A

TITLE: Multivalent and multispecific binding proteins, their manufacture and use

DATE-ISSUED: November 17, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Holliger; Kaspar-Philipp	Cambridge	N/A	N/A	GBX
Griffiths; Andrew David	Cambridge	N/A	N/A	GBX
Hoogenboom; Hendricus Renerus Jacobus Matheus	Hasselt	N/A	N/A	BEX
Malmqvist; Magnus	Upsala	N/A	N/A	SEX
Marks; James David	Kensington	CA	N/A	N/A
McGuinness; Brian Timothy	Cambridge	N/A	N/A	GBX
Pope; Anthony Richard	Cambridge	N/A	N/A	GBX
Prospero; Terence Derek	Cambridge	N/A	N/A	GBX
Winter; Gregory Paul	Cambridge	N/A	N/A	GBX

US-CL-CURRENT: 424/136.1; 435/320.1, 435/328, 435/69.7, 530/387.3, 530/412, 530/413, 536/23.4, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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Generate Collection

Term	Documents
C5.USPT.	19603
C5S.USPT.	6
ANTIBOD\$	0
ANTIBOD.USPT.	221
ANTIBODAY.USPT.	1
ANTIBODEES.USPT.	1
ANTIBODEIS.USPT.	1
ANTIBODES.USPT.	44
ANTIBODEY.USPT.	1
ANTIBODFIES.USPT.	1
(C5 SAME (ANTIBOD\$) AND (INHIBIT\$ OR SUPPRESS\$ OR BLOCK\$ OR PREVENT\$ OR INHIBIT\$ OR ANTAGONI\$) SAME (INFLAMM\$ OR AUTOIMMUN\$ OR ARTHRITIS OR JOINT) SAME (ANTIBOD\$)).USPT.	158

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